

Title A. Follow Safety Rules

Unit of Competency	Performance Criteria	Knowledge	Tools & Equipment
A1. Apply personal safety measures	<p>He will be able to:</p> <p>P1. Select personal protective equipment. P2. Wear, adjust and maintain personal protect equipment. P3. Ensure personal protective equipment is cleaned.</p>	<p>He will be able to:</p> <p>K1. Explain Importance of using Personal Protective Equipment. K2. Identify protective clothing and equipment to be worn and from were it can be obtained. K3. Explain the safe maintance of personal prtective.</p>	<ul style="list-style-type: none"> • Safety gloves • Helmet • Safety goggles • Safety shoes
A2. Apply workplace safety measures	<p>He will be able to:</p> <p>P1. Apply following safety measures at work place. <ul style="list-style-type: none"> • Secure electrical <p>P2. Ensure the availability of first aid box at the work place. P3. Tools and machinery in proper working condition P4. Proper housekeeping at workplace.</p> </p>	<p>He will be able to:</p> <p>K1. Explain Importance of safety at workplace K2. Explain housekeeping .</p>	<ul style="list-style-type: none"> • Disk • Cutter • Drill machine • First aid box • Plumbing tools
A3. Organize the Measuring , Making , Filling, drilling and sawing instruments.	<p>He will be able to:</p> <p>P1. Arrange the measuring making drilling and sawing instruments. P2. Use the measuring, making, drilling and sawing instruments. P3. Perform measuring, making drilling and sawing practice procedures.</p>	<p>You will be able to:</p> <p>K1. Describe the measuring making, drilling and sewing. K2. identify the measuring making drilling and sawing instruments. K3. Describe unit conversion e.g. feet to meter etc.</p>	<p>Plumber & Sanitary</p> <ul style="list-style-type: none"> • Steel foot roll • Steel tape • Venire caliper • Scriber • Centre purrs • Hammer • Drill machine

Unit of Competency	Performance Criteria	Knowledge	Tools & Equipment
		K4.Explain the methods of measuring, making drilling and sawing procedure.	<ul style="list-style-type: none"> • Hacksaw • Try square
A4 .Perform measuring cutting, threading and fitting operation of G.1 Pipes.	He will be able to: P1: Perform measuring operation P2.Perform cutting operation P3.perform threading operation P4.Perfrom fitting operation	He will be able to: K1.Describe measuring method K2. Define cutting method K3. Define threading method K4. Define fitting method.	<ul style="list-style-type: none"> • Pipe vice • Pipe threading die • Thread checking material.
Make double Nipple (Pipe)	P1.Prepare clamping P2.Adjust threading die P3. Perform thread on pipe	K1. Know the clamping K2. Know the adjust pipe thread die K3. Describe the thread.	<ul style="list-style-type: none"> • Pipe vice • Pipe threading die • Thread checking material

Unit of Competency	Performance Criteria	Knowledge	Tools & Equipment
A5. Perform Jointing of G.9 Pipe	He will be able to : P1: Make straight joint of pipes. P2: Change in direction of pipe P3. Seal jointing material P4. Couple the pipe joints	He will be able to: K1: Describe jointing methods K2: Define fitting of pipes . K3: Know sealing joint material K4. State the coupling method	<ul style="list-style-type: none"> • Pipe vice • Threading die • Hand hacksaw • Measuring tape • Pipe wrenchs • Oil •
A6. Perform measuring cutting and fitting operation of (G.1 Pipe)	He will be able to : P1: Make cut the pipe and measuring P2. Make clamping P3. Perform jointing of pipe	He will be able to : K1: Describe cutting of pipe K2: State the clamping of pipe K3. Describe joint method	<ul style="list-style-type: none"> • Hammers • Screw driver • Measuring tape
A7. Perform pre pipe joint installation	He will be able to : P1. Joint the pipe with glued P2. Instead the pipe	He will be able to : K1. Define the joint method. K2. Describe the installation method	<ul style="list-style-type: none"> • Hand hacksaw • Measuring tape • Emery paper
A8. Make main connection from municipal supply and storage of water.	P1. Make connection P2. Detects the leakage P3. Install water storage tank.	K1. State method connection K2. Know the leak deduction method. K3. Know the water storage system.	<ul style="list-style-type: none"> • Spanner set • Pipe wrench • Hammer • Hand hacksaw • Measuring tape

Unit of Competency	Performance Criteria	Knowledge	Tools & Equipment
A9. Prepare wash room and kitchen sink installer	He will be able to : P1. Installation of Bath room. P2. Install w.e (Asian & European) P3. Install urinal was bath tab. P4. Install kitchen sink.	He will be able to : K1.Knows the installation of bathroom fitting. K2. Define the purpose of w.e (Asian &Europen type) K3. Define the purpose of wash basin and bath tub K4. Describe the kitchen sink.	<ul style="list-style-type: none"> ● Pipe voice ● Pipe die ● Screw wrench ● Pipe wrench ● Screw driver ● Hand hacksaw ● Measuring tape ● Drill machine
A10. Construct Sewage System	P1.Install rain water pipe P2. Install bath room sewage system.	K1. Define the joints and clamping methods. K2. Describe theLeakage system.	<ul style="list-style-type: none"> ● Hammer ● Measuring tape ● Spiral level ● Plumber screw driver
A11. Install accessories on water supply and gas pipes	He will be able to : P1. Install values regulator, Mixture and gas meter etc. P2. Install Reciprocity and centrifugal pumps.	He will be able to : K1. Know about the water supply and gas accessory functions. K2. Define the pumping principles of different pumps.	<ul style="list-style-type: none"> ● Pipe vice ● Pipe wrench ● Screw wrench ● Hand hacksaw ● Measuring tape ● Oil can ● Screw driver